



## Sevyn

By Nick Fabri, September 2015

GemRay optimised. Merit (+/-30% tilt) in sapphire = 60.08

Angles for R.I. = 1.800

53 + 8 girdles = 61 facets

2-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.488 U/W = 0.488

P/W = 0.538 C/W = 0.153

Vol./W<sup>3</sup> = 0.310

### PAVILION

P1	39.80°	12-36-60-84	Cut to CP
G1	90.00°	96-24-48-72	Establish gem width
P2	40.07°	11-13-35-37-59-61-83-85	No meet - cut to proportions indicated by the design
P3	46.65°	02-22-26-46-50-70-74-94	Meet P1/P2
P4	48.79°	01-23-25-47-49-71-73-95	Meet P2/P3
G2	90.00°	12-36-60-84	Meet P2/P3/P4
P5	50.40°	96-24-48-72	Meet P3/P4

### CROWN

C1	37.85°	96-24-48-72	Establish girdle width
C2	32.96°	12-36-60-84	Meet C1/G1/G2. Maintain a level girdle
C3	27.36°	96-24-48-72	No meet - cut to proportions indicated by the design
C4	29.56°	12-36-60-84	Meet C1/C2/C3
C5	19.83°	96-24-48-72	Meet C3/C4
T	0.00°	Table	No meet - cut table to proportions indicated by the design

Design named after Nicks grandson - Sevyn.

Design translated by Kim Lembke (kjlembke@hotmail.com)

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